

**Maryland
Transportation
Authority**

Martin O'Malley
Governor

Anthony Brown
Lt. Governor

Beverley K. Swaim-Staley
Chairman

Peter J. Basso
Rev. Dr. William C. Calhoun, Sr.
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Isaac H. Marks, Sr., Esq.
Michael J. Whitson
Walter E. Woodford, Jr., P.E.

Ronald L. Freeland
Executive Secretary

Division of Procurement and
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e-mail: mdta@mdtransportationauthority.com

www.mdtransportationauthority.com

January 15, 2010

TO ALL PURCHASERS OF CONTRACT DOCUMENTS:

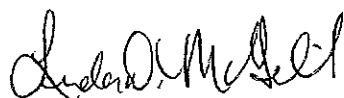
RE: **Contract No. FT 2259-000-002**
Replace Generator at Fort McHenry Tunnel Administration Building

ADDENDUM NO. 1

To Whom It May Concern:

It is important that you acknowledge receipt of this Addendum No. 1 on the referenced contract regardless if you will be bidding or not bidding.

Very truly yours,


Linda McGill, CPPB
Chief Procurement Officer

Enclosures

Contract No. **FT 2259-000-002**

This will acknowledge receipt of the attached Addendum No.1.

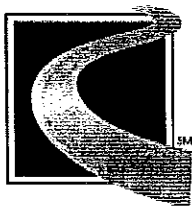
NAME OF COMPANY

SIGNATURE

DATE

THIS SIGNED ADDENDUM ACKNOWLEDGEMENT PAGE SHALL BE RETURNED TO THIS OFFICE VIA **FAX AT 410-537-7801**, ATTENTION: MAGGIE JOHNSON PRIOR TO THE BID OPENING DATE.

IN ADDITION, THIS SIGNED ADDENDUM ACKNOWLEDGEMENT PAGE MUST BE ATTACHED TO THE OUTSIDE COVER OF THE BID BOOK. FAILURE TO DO SO MAY RESULT IN REJECTION OF YOUR BID.



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January 15, 2010

TO ALL PURCHASER'S OF CONTRACT DOCUMENTS

ADDENDUM NO. 1

RE: Contract No. FT 2259-000-002
Replace Generator at Fort McHenry Tunnel Administration
Building

To Whom It May Concern:

The following changes have been made to the Invitation for Bids book:

1. Delete page 011 and replace with page numbered the same dated January 15, 2010 Addendum #1.
2. Delete page 075 and replace with page numbered the same dated January 15, 2010 Addendum # 1.
3. Delete page 082 and replace with page numbered the same dated January 15, 2010 Addendum # 1.
4. Delete page 089 and replace with page numbered the same dated January 15, 2010 Addendum # 1.
5. Delete page 094 and replace with page numbered the same dated January 15, 2010 Addendum # 1.
6. Delete page 095 and replace with page numbered the same dated January 15, 2010 Addendum # 1.
7. Delete page 116 and replace with page numbered the same dated January 15, 2010 Addendum # 1.
8. Delete page 145 and replace with page numbered the same dated January 15, 2010 Addendum # 1.
9. Delete page 146 and replace with page numbered the same dated January 15, 2010 Addendum # 1.
10. Delete page 148 and replace with page numbered the same dated January 15, 2010 Addendum # 1.

The Bid Due Date for the above referenced contract remains unchanged
February 4, 2010 at 12:00 Noon.

Very truly yours,

Linda D. McGill, CPPB
Chief Procurement Officer

LM/mdj

THIS ADDENDUM SIGNED ACKNOWLEDGEMENT PAGE MUST BE
ATTACHED TO THE OUTSIDE COVER OF THE BID BOOK.
FAILURE TO DO SO MAY RESULT IN REJECTION OF YOUR BID.



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Authority

SPECIAL PROVISIONS

Contract No. FT 2259-000-002

Page 2 of 8

The work to be performed under this contract is located at Fort McHenry Tunnel Administration Building in Baltimore City.

This project is to replace the existing 155KW generator and ATS with a new 265KW generator and ATS to support Toll Plaza and other equipments at Fort McHenry Tunnel Administration Building. The work includes generators, electrical distribution, wires, cables, connections, controls, breakers, automatic transfer switch (ATS), conduit, concrete pad, remove and disposal, fuel pump, and all associated and miscellaneous work required to complete the project as shown on the plans and required herein.

Overall Project construction is expected to take **One Hundred Eighty (180) days** from the Notice to Proceed.

SP 1-2 SPECIFICATIONS

All work on this project shall conform to the Maryland Department of Transportation, State Highway Administration's Specifications entitled, "Standard Specifications for Construction and Materials" dated July 2008, revisions thereof, or additions thereto, and the Special Provisions included in this Invitation for Bids.

SP 1-3 ORIGINAL FACILITY PLANS AND SITE VISITS

The original facility plans are on file at the Engineering/Finance Building of the Francis Scott Key Bridge and will be made available for inspection to prospective bidders. Parties interested in viewing the plans should contact Mr. Kataw Say, at (410) 537-7853. Parties interested in visiting the site should contact Mr. Jeff Robson at (410) 537-1274.

SP 1-4 PROMPT PAYMENT TO SUBCONTRACTORS

The prime Contractor is responsible for making timely payments to all Subcontractors and Suppliers and provides written certification as required in Section 17-106 of the State Finance and Procurement Article of the Annotated Code of Maryland, as amended.

This contract requires the Contractor to make payment to all Subcontractors within ten (10) days of receiving payment from the Authority.

Each month, the construction Project Engineer will review the current pay items with the prime Contractor and all involved Subcontractors to ensure that all work satisfactorily completed within specifications is included in the monthly progress payment. For payment purposes, the same quantity totals used to compute the payment to the prime Contractor will be the basis for payment to the Subcontractor.



SECTION 260519 – INSULATED WIRE AND CABLE

PART 1 - GENERAL

3.9 REFERENCES

- A. The publications listed below form a part of this specification to the extent referenced. The publications are referred to in the text by the basic designation only.

INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS (IEEE)

IEEE Std 383 (2003) Standard for Qualifying Class 1E Electric Cables and, Field Splices for Nuclear Power Generating Stations 2004

NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION (NEMA)

NEMA 250 (2003) Enclosures for Electrical Equipment (1000 Volts Maximum)

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA)

NEMA WC 70 (1999; Errata 2001) Standard for Non-Shielded Power Cable 2000 V or Less for the Distribution of Electrical Energy

3.10 MATERIALS

- A. Wire, copper solid, 600V, #12 Type XLPE in raceway
- B. Wire, copper solid, 600V, #10 Type XLPE in raceway
- C. Wire, copper stranded, 600V, #6 Type XLPE in raceway
- D. Wire, copper stranded, 600V, #2/0 Type XLPE in raceway
- E. Wire, copper stranded, 600V, #4/0 Type XLPE in raceway
- F. Wire, copper stranded, 600V, 250 kcmil Type XLPE in raceway
- G. Wire, copper solid, 600V, #10 Ground Type XLPE in raceway
- H. Wire, copper stranded, 600V, #3 Ground Type XLPE in raceway
- I. Wire, copper stranded, 600V, #4 Ground Type XLPE in raceway
- J. Wire, copper stranded, 600V, #6 Ground Type XLPE in raceway
- K. Wire, copper stranded, 600V, #1/0 Ground Type XLPE in raceway
- L. Cat 5E cable furnish and install



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SPECIAL PROVISIONS

Contract No. FT 2259-000-002

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- 8012** Linear foot of Wire, copper stranded, 600V, #4/0 Type XLPE
- 8013** Linear foot of Wire, copper stranded, 600V, 250 KCMIL Type XLPE
- 8014** Linear foot of Wire, copper solid, 600V, #10 Ground Type XLPE
- 8015** Linear foot of Wire, copper stranded, 600V, #3 Ground Type XLPE
- 8016** Linear foot of Wire, copper stranded, 600V, #4 Ground Type XLPE
- 8017** Linear foot of Wire, copper stranded, 600V, #6 Ground Type XLPE
- 8018** Linear foot of Wire, copper stranded, 600V, #1/0 Ground Type XLPE
- 8019** Linear foot of Cat 5E cable furnish and install

END OF SECTION 260519



SECTION 262821 – AUTOMATIC TRANSFER SWITCHES

PART 1 - GENERAL

3.9 REFERENCES

- A. The publications listed below form a part of this specification to the extent referenced. The publications are referred to in the text by the basic designation only.

NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION (NEMA)

NEMA 250 (2003) Enclosures for Electrical Equipment (1000 Volts Maximum)

NEMA ICS 1 (2000; R 2005; R 2008) Standard for Industrial Control and Systems
General Requirements

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA)

NFPA 70 (2007; AMD 1 2008) National Electrical Code - 2008 Edition

UNDERWRITERS LABORATORIES (UL)

UL 1008 (1996; Rev thru Dec 2007) Standard for Transfer Switch Equipment

UL 508 (1999; Rev thru Sep 2008) Standard for Industrial Control Equipment

3.10 MATERIALS

1. Generator set, diesel, 3phase 4wire, 277/480V, 265 KW, including battery charger, muffler and automatic transfer switch (ATS), exclude conduits, wiring and concrete

3.11 SUBMITTALS

- A. Authority approval is required for ATS submittals. Submit the following:
1. Shop Drawings



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SPECIAL PROVISIONS

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2.9 ACCESSORIES

- A. Automatic transfer switch shall incorporate an engine-generator exerciser timer to permit weekly programming cycle of engine-generator set test runs under load.
- B. Automatic transfer switch shall incorporate a network interface card.
- C. Three phase voltage imbalance user configured ON or OFF.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Install automatic transfer switch as indicated, and in accordance with the manufacturer's installation instructions. Wall-mounted enclosures shall be fully aligned and installed at the indicated mounting height using a minimum of six M10 3/8-inch bolts. Use of sheet metal screws or small machine screws is not permitted.
- B. Submit Listing of Product Installations for automatic transfer switches showing the manufacturer has successfully manufactured automatic transfer switches of the size specified for a minimum period of 10 years. List shall include purchaser, address of installation, service organization, and date of installation.

3.2 FIELD TESTING

- A. Automatic transfer switch shall be demonstrated to operate in accordance with the specification requirements in conjunction with the normal and emergency power sources.

3.3 MEASUREMENT AND PAYMENT

- A. Automatic Transfer Switch will not be measured or paid separately, but shall be considered incidental to the Contract lump sum bid price for the "Generator set, diesel, 3phase 4wire, 277/480V, 265K, including battery charger, muffler and automatic transfer switch (ATS)" item.

END OF SECTION 262821



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SPECIAL PROVISIONS

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SECTION 263213 - ENGINE GENERATORS

PART 1 - GENERAL

3.9 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

3.10 SUMMARY

- A. This Section includes packaged engine-generator sets for emergency power supply with the following features:
 - 1. Diesel engine.
 - 2. Subbase tank.
 - 3. Control and monitoring.
 - 4. Performance requirements for sensitive loads.

3.11 MATERIALS

- 1. Temporary generator installation, rental, cable and connection to ATS 2
- 2. Concrete pad removal/construction
- 3. Metal Duct work for the shroud , fabricated rectangular, galvanized steel #16gauge , 200lb to500lb includes fitting, joints, supports and allowance for a flexible connection, excludes insulation
- 4. Generator set, diesel, 3phase 4wire, 277/480V, 265 KW, including battery charger, muffler and automatic transfer switch (ATS), exclude conduits, and wiring.
- 5. Electric Metallic Tubing (EMT), ¾" diameter to 15ft high, including 2 terminations, 2 elbows and 11 beam clamps per 100 LF
- 6. Electric Metallic Tubing (EMT), 1" diameter to 15ft high, including 2 terminations, 2 elbows and 11 beam clamps per 100 LF
- 7. Electric Metallic Tubing (EMT), 2" diameter to 15ft high, including 2 terminations, 2 elbows and 11 beam clamps per 100 LF
- 8. Electric Metallic Tubing (EMT), 2½" diameter to 15ft high, including 2 terminations, 2 elbows and 11 beam clamps per 100 LF



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- 8004** Lump sum of Demolition/removal of ATS, Disc., conduits, wiring
- 8005** Lump sum of Concrete pad construction
- 8006** Pound of Metal duct work, fabricated rectangular, galvanized steel, 200 to 500lb includes fitting, joints, supports and allowance for a flexible connection, excludes insulation
- 8007** Lump sum of Generator set, diesel, 3phase 4wire, 277/480V, 265KW, including battery charger, muffler and automatic transfer switch (ATS)
- 8021** Linear foot of Electric metallic tubing (EMT), ¾" Inch Diameter
- 8022** Linear foot of Electric metallic tubing (EMT), 1" Inch Diameter
- 8023** Linear foot of Electric metallic tubing (EMT), 2" Inches Diameter
- 8024** Linear foot of Electric metallic tubing (EMT), 2½" Inches Diameter
- 8025** Lump sum of Fuel oil specialties, fuel pump, duplex set with lead/lag controller 1/2HP 155GPH
- 8026** Linear foot of Galvanized Rigid Steel Pipe, black, ½" Inches Diameter
- 8027** Lump sum of Fuel Pump controls installation and integration in Boiler room controls
- 8028** Lump sum of Penetration thru ceiling and installation of timber
- 8029** Lump sum of Miscellaneous work, repair to wall, paint touch up and cleaning
- 8030** Lump sum of Remove and replace corrugated roof over the Intake shaft

END OF SECTION 263213

SCHEDULE OF PRICES

Note - this proposal shall be filled in by the bidder, with the prices written in words and numerals. The extension amounts of unit costs shall also be filled in. For complete information concerning these items, see specifications, special provisions and contract form.

ITEM NOS.	APPROXIMATE QUANTITIES	DESCRIPTION OF ITEM AND PRICE BID (IN WRITTEN WORDS)	UNIT PRICE DOLLARS C'S	AMOUNTS DOLLARS C'S
8006	500	POUND OF METAL DUCT WORK, FABRICATED RECTANGULAR, GALVANIZED STEEL, 200 TO 500 LB, INCLUDES FITTING, JOINTS, SUPPORTS AND ALLOWANCE FOR A FLEXIBLE CONNECTION, EXCLUDES INSULATION AT _____ LB	-----	-----
8007	1	LUMP SUM OF GENERATOR SET, DIESEL, 3PHASE, 4WIRE, 277/480V, 265KW, INCLUDING BATTERY CHARGER, MUFFLER AND AUTOMATIC TRANSFER SWITCH (ATS) AT _____ LS	-----	-----
8008	96	LINEAR FOOT OF WIRE, COPPER SOLID, 600V, #12 TYPE XLPE AT _____ LF	-----	-----
8009	80	LINEAR FOOT OF WIRE, COPPER SOLID, 600V, #10 TYPE XLPE AT _____ LF	-----	-----
8010	54	LINEAR FOOT OF WIRE, COPPER STRANDED, 600V, #6 TYPE XLPE AT _____ LF	-----	-----

FT 2259-000-002

SCHEDULE OF PRICES

Note - this proposal shall be filled in by the bidder, with the prices written in words and numerals. The extension amounts of unit costs shall also be filled in. For complete information concerning these items, see specifications, special provisions and contract form.

ITEM NOS.	APPROXIMATE QUANTITIES	DESCRIPTION OF ITEM AND PRICE BID (IN WRITTEN WORDS)	UNIT PRICE DOLLARS C'S	AMOUNTS DOLLARS C'S
8011	80	LINEAR FOOT OF WIRE, COPPER STRANDED, 600V, #2/0 TYPE XLPE AT _____ LF	_____	_____
8012	192	LINEAR FOOT OF WIRE, COPPER STRANDED, 600V, #4/0 TYPE XLPE AT _____ LF	_____	_____
8013	80	LINEAR FOOT OF WIRE, COPPER STRANDED, 600V, 250KCMIL TYPE XLPE AT _____ LF	_____	_____
8014	79	LINEAR FOOT OF WIRE, COOPER SOLID, 600V, #10 TYPE XLPE AT _____ LF	_____	_____
8015	20	LINEAR FOOT OF WIRE, COPPER STRANDED, 600V, #3 TYPE XLPE AT _____ LF	_____	_____

FT 2259-000-002

SCHEDULE OF PRICES

Note - this proposal shall be filled in by the bidder, with the prices written in words and numerals. The extension amounts of unit costs shall also be filled in. For complete information concerning these items, see specifications, special provisions and contract form.

ITEM NOS.	APPROXIMATE QUANTITIES	DESCRIPTION OF ITEM AND PRICE BID (IN WRITTEN WORDS)	UNIT PRICE DOLLARS C'S	AMOUNTS DOLLARS C'S
8021	95	LINEAR FOOT OF ELECTRIC METALLIC TUBING (EMT), 3/4" INCHES DIAMETER AT _____ LF	_____	_____
8022	10	LINEAR FOOT OF ELECTRIC METALLIC TUBING (EMT), 1" INCH DIAMETER AT _____ LF	_____	_____
8023	45	LINEAR FOOT OF ELECTRIC METALLIC TUBING (EMT), 2" INCHES DIAMETER AT _____ LF	_____	_____
8024	20	LINEAR FOOT OF ELECTRIC METALLIC TUBING (EMT), 2 1/2" INCHES DIAMETER AT _____ LF	_____	_____
8025	1	LUMP SUM OF FUEL OIL SPECIALTIES, FUEL PUMP, DUPLEX SET WITH LEAD/LAG CONTROLLER 1/2HP, 155GPH AT _____ LS	_____	_____

FT 2259-000-002

Pre-bid Meeting Minutes

Contract No. FT 2259-000-002

Replace Generator at Fort McHenry Tunnel Administration Building
Fort McHenry Tunnel
Baltimore City

January 13, 2010

The following were in attendance:

Alisha Wright	MdTA Procurement
Ben Mondell	MdTA Procurement
Kataw Say	MdTA Engineering
Thomas O' Donnell	MdTA Engineering
Jeff Robson	MdTA Maintenance
Mike Darago	MdTA Maintenance
Howard Hart Meyer	J & H Power Equipment, Inc.
Steve Love	Free State Electric
Steven Kendall	All American Electric, Inc.
Joseph B. Dozeskie	Potomac Generator Service & Repair
Jamie Hill	Arica Consulting & Contracting, LLC
Delano Bagley	J and D Generator
Shawn Gibson	T & B Electric Co., Inc.
Charles Behney	Seven Associates
Drew polhames	Seven Associates
Bill Wagner	J. Thomas Bowles, Inc.
Francis Chester	Reliance Data
Mark Francis	Urban Francis, LLC
Ryan Middleton	CESI
Cristian Ceballos	Amber Enterprises, Inc.
Mark McKim	RWC Contracting Corp.
Dave Powell	Shrader Electric
Thomas Lippa	Dvorak, LLC
Lisa Nichols	Johnson & Tower
Rick Goetz	Eastern Sale & Engineering
Ralph Vest	Compu Dynamics
Larry Harrah	Electric Advantage, Inc.

Ms. Wright opened the meeting with the following notes;

This is the Pre-bid for **FT-2259-000-002: REPLACE GENERATOR AT FORT MCHENRY TUNNEL ADMINISTRATION BUILDING – FORT MCHENRY TUNNEL**

This project is located at the Maryland Transportation Authority's FMT Administration Building in Baltimore City. The purpose of this project is to replace the existing 155KW generator and Automatic Transfer Switch (ATS), with a new generator and ATS.

The scope of work for this project includes providing the labor, materials, equipment, etc., necessary to remove the existing 155KW generator and Automatic Transfer Switch (ATS), and to replace with a new 265 KW generator and ATS.

Site Visits: If you are interested in a site visit, you need to contact Mr. Jeff Robson at (410) 537-1274.

This contract time for this contract is 180 calendar days from the Notice to Proceed. Liquidated damages of \$800.00 per calendar day will be assessed for unauthorized extensions beyond the contracted time of completion.

Ms. Wright drew the bidders' attention to the following points:

1. The bid due date is Thursday, February 4, 2010 by 12p.m. Bid packages must be placed in the bid box located on the first floor of the Engineering Building at the Francis Scott Key Bridge, 300 Authority Drive, Baltimore, MD 21222 and must consist of one complete bid book and all the required documents. Late bids will not be accepted.
2. The Authority does not encourage overnight delivery service. However, If you choose to send your package overnight, the bid should be delivered at least a day in advance to the **Maryland Transportation Authority; Office of Procurement & Statutory Program Compliance; 300 Authority Drive; 1st Floor; Baltimore, MD 21222.** It will be the responsibility of the Contractor to make sure that his/her bid package is placed in the bid box. The outside of the mailed package must clearly identify the Contract Number and mention that it is a bid package.
3. The minutes from this meeting will be added to an Addendum and distributed to all purchases of the bid documents. The anticipated date for the Addendum is Thursday, January 28, 2010.
4. Please make sure you fill out the Schedule of Prices accurately and completely. Not doing so may render your bid as non-responsive.
5. **This is a Small Business Reserve Procurement, as such;** I strongly recommend that you review page 1, The Notice to Bidders / Offerors SBR Procurement, which provides valuable information on the SBR program and page 2, Notice to Bidders / Offerors of this invitation to bid prior to submitting your bid on this project.
6. Following this meeting, all questions must be in writing, addressed to the **Project**

Manager Mr. Kataw Say and sent via fax to 410-537-7801. The Authority will accept written questions until 4pm on Thursday, January 21, 2010. Answers to questions will be distributed to all purchases of bid documents.

7. There is no MBE Goal for this project.

The meeting was then opened to questions and comments concerning the project. The following questions were discussed and responses provided:

Question: Does Jeff Robson want to setup site visits?

Answer: Yes, 4 or 5 people a day will be scheduled to visit.

Question: What to do with the old generator?

Answer: The old generator shall become the property of the Contractor to properly dispose of.

Question: Is a temporary generator needed during the replacement process?

Answer: Yes

Question: Generator size mentioned is different from the specifications?

Answer: An addendum will include the new generator size.

As there were no additional questions, the meeting was adjourned.


Approved

Questions & Answers:

1. Specification Section 260519 – Insulated Wire and Cable;

Question: 1.2 and 3.3 notes the use of XLPE cable in raceway, XLPE cable is rated for medium volts up to 35, 000 volts. Is this specification for XLPE cable correct? If incorrect, specify the style/type of cable to be used.

Answer: The XLPE cross-linked polyethylene insulated cable is rated to withstand various voltages based on the thickness. For this project the cables to be furnished should be rated for 600V. The XLPE insulation is bound to the copper wire and covered with a PVC jacket. The XLPE type insulation is described in the NEC 2008 table 310-13 under the Trade Name; underground service-USE and thermoset or moisture-resistant thermoset RHH or RHW used in dry and wet locations. These cables are governed by the following industry standards;

UL44 and UL854, ICEAS-95-658/NEMAWC-70C(UL) US:CSA/UL Listed 600Volt UL/1000 Volt CSA #14-4/0 Rated L-824C Federal Spec. A-A-59544 CT Use 1/0 and Larger Gasoline and Oil Resistant II -40°C rated direct burial/ Sunlight Resistant.

USE-2, RHH/RHW-2 CT are suitable for use in general purpose wiring applications and may be installed in raceway, conduit, direct burial and aerial installations where a cable having superior flame retardance is required.

This spec is correct and the type letter to be used as defined by NEC table 310-13 should be USE-2, RHH/RHW-2

Question: Drawing E02, E03, and E05 notes the use of two sets of (4) #250 MCM and (1) #2 Gnd. Pricing for Measurement and Payment – 3.3 – does not provide a pricing section. Will a section for pricing be added for these cables?

Answer: Paragraph 3.3-Measurement and Payment has an Item for a 500kcmil which is no longer used. This item will be revised to account for the use of 250kcmil;

8013 Wire, copper stranded, 600V, ~~500~~250 KCMIL Type XLPE -- per linear foot

2. Specification Section 263213 – Engine Generators;

Question: 1.3 and 3.8 notes EMT conduit for pricing of new work. Drawing E01 to E-07 notes RMC for installation of new work. Which type of conduit will be used for pricing and installation of new work – EMT or RMC?

Answer: EMT will be used for all conduit raceways within the interior areas.

Question: Drawing E01, E03 and E05 states the use of two sets of 2-1/2” RMC. Pricing for Measurement and Payment-3.8- does not provide a pricing section for 2-1/2” conduit. Will a section for pricing be added for this conduit?

Answer: Paragraph 3.3-Measurement and Payment has an Item for a 3inch conduit which is no longer used. This item will be revised to account for the use of 3 inch.

8024 Electric metallic tubing 3" 2 1/2" – per linear foot

3. Question: Drawing E01 and E04 notes the use of 4/C #4/0 & 1#4 Gnd. for temporary feed from temporary 150KW generator to new 400 amp generator panel. Drawing E07 notes that use of 5/C-500KCMIL for temporary feed from temporary generator to new generator panel. Please specify which temporary cable is used?

Answer: The wire size to be used for the temporary generator is 4/0AWG as noted on the Temporary one-line diagram drawing E04.

4. Question: Drawing E03-Details C-new 400A-Generator Panel-480 volts-lugs only. Does 'lugs only' reference Main Lugs Only, as drawing E06-Panel Schedules-notes new400A Generator Panel has a 350A Main Circuit Breaker. Which is correct, Main Lugs Only or Main Circuit Breaker?

Answer: The 400A Generator Panel will be "Lugs Only".

CONTRACT: W-2252-000-0002
REPLACE GENERATOR AT FORT MCHENRY TUNNEL ADMINISTRATION BUILDING
FORT MCHENRY TUNNEL

Wednesday, January 13, 2010

[illegible]

CONTRACT NO. 220
REPLACE GENERATOR AT FORT MCHENRY TUNNEL ADMINISTRATION BUILDING
FORT MCHENRY TUNNEL

Wednesday, January 13, 2010

[illegible]

LIST OF PURCHASERS OF INVITATION FOR BIDS

Contract No.: FT 2259-000-002

Price: \$50.00

Bid Opening Date: February 4, 2010

Class: B

Severn Associates 1840 Margaret Avenue Annapolis, MD. 21401 P: (410) 263-5964 F: (410) 263-5693	P. D. Valle Electric Co., Inc. 9 Palmway Ct. Baldwin, MD. 21013 P: (410) 592-7080 F: (410) 592-3253	Dvorak, LLC 9004-F Yellow Brick Rd. Baltimore, MD. 21237 P: (410) 686-8727 ext.22 F: (410) 686-8729
Glenelg Construction 650 Long Corner Rd. Mt. Airy, MD. 21771 P: (301) 703-4397 F: (301) 829-3698	Arica Consulting & Contracting, LLC 10305 Guilford Rd. Jessup, MD. 20794 P: (301) 498-4441 F: (301) 498-4003	Reliance Data 75 Fields Rd. Pinehurst, NC. 28374 P: (703) 431-2718 F: No Fax
Amber Enterprises, Inc. 8512 58 th Avenue Berwyn Hts., MD. 20740 P: (301) 474-7005 F: (410) 363-9442	J & H Power Equipment, Inc. 2140 Priest Bridge Ct., # 12 Crofton, MD. 21114 P: (410) 721-1922 F: (410) 721-1941	Urban Francis, LLC 8804 Philadelphia Rd. Baltimore, MD. 21237 P: (410) 682-3900 F: (410) 682-3225
Midasco, LLC 7121 Dorsey Run Rd. Elkridge, MD. 21075 P: (410) 579-6710 F: (410) 579-6795	T & B Electric Co., Inc. 2134 Espey Court Suite 30 Crofton, MD. 21114 P: (301) 261-3701 F: (301) 261-3608	RWC Contracting Corp. 5724 Belair Rd. Baltimore, MD. 21206 P: (410) 426-5482 F: (410) 426-0207
1 st Electric 2340 Monumental Ave. Baltimore, MD. 21227 P: (410) 242-0303 F: (410) 242-0307	Consolidated Construction & Engineering Co., Inc. 14440 Cherry Lane Court Suite 120 Laurel, MD. 20707-4946 P: (301) 497-6504 F: (301) 497-6507	